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**From:** Hoffman, Hugo [Hoffman.Hugo@epa.gov]  
**Sent:** 7/16/2019 6:17:18 PM  
**To:** Bolt, Matthew [Bolt.Matthew@epa.gov]; Mahdavi, Sarvy [Mahdavi.Sarvy@epa.gov]; Tinger, John [Tinger.John@epa.gov]; Sheth, Gary [Sheth.Gary@epa.gov]  
**CC:** Ziegler, Sam [Ziegler.Sam@epa.gov]; Dunning, Connell [Dunning.Connell@epa.gov]; KELLY, PATRICKJ [kelly.patrickj@epa.gov]; Goldmann, Elizabeth [Goldmann.Elizabeth@epa.gov]; McGrath, Patricia [mcgrath.patricia@epa.gov]  
**Subject:** FW: pre-DEIS with changes based responses to comments?  
**Attachments:** 20190715\_Resolution\_Draft-EIS\_3-6.pdf; 20190715\_Resolution\_Draft-EIS\_3-7-1.pdf; 20190715\_Resolution\_Draft-EIS\_3-7-2.pdf; 20190715\_Resolution\_Draft-EIS\_3-7-3.pdf; 20190715\_Resolution\_Draft-EIS\_3-10-1.pdf; APP\_L\_Hydrographs.pdf; APP\_M\_GWSWQual\_Figures.pdf; APP\_N\_GWSWQual\_Existing\_Tables.pdf  
**Flag:** Follow up

Hi all,

This is a follow-up with revisions to most of the chapters that we commented on previously. There is no action needed on your part at this time, but these are very close to what we will have to review when the DEIS is published so you could get a head start (assuming you can/will participate in the DEIS review). The Service's target date for that is August 16, with a 90-day comment period.

I will look at these for context about the Forest Service's responses and may have questions for you soon.

Please remember that these are for internal use only and should not be shared outside of this group at this time.

Cheers,

-Hugo  
(415) 972-3929

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**From:** Chris Garrett <cgarrett@swca.com>  
**Sent:** Tuesday, July 16, 2019 10:56 AM  
**To:** Hoffman, Hugo <Hoffman.Hugo@epa.gov>; Rasmussen, Mary C -FS <mary.rasmussen@usda.gov>  
**Cc:** Donna Morey <dmorey@swca.com>  
**Subject:** RE: pre-DEIS with changes based responses to comments?

Hi Hugo –

I'm pretty sure all of these will make it under your email size limit. Attached are:

Chapter 3 sections:

- 3.6: Air Quality
- 3.7.1: Groundwater Quantity and Groundwater-Dependent Ecosystems
- 3.7.2: Groundwater and Surface Water Quality
- 3.7.3: Surface Water Quantity
- 3.10.1: Tailings and Pipeline Safety

Appendices:

- Appendix L: This contains the model output hydrographs referenced in 3.7.1
- Appendix M: This contains the water quality figures that show the modeled output for the seven constituents of concern we focused on in 3.7.2 (Sb Cd, Se, Cu, SO4, TDS, NO3), over time (years 41, 100, 245), compared to

seepage quality, baseline groundwater quality, baseline surface water quality, and appropriate groundwater and surface water quality standards.

- Appendix N: This contains the water quality tables for existing water quality, including groundwater (table J-1), surface water (filtered and unfiltered [tables J-2, J-3]), comparison of results to standards [table J-4], and calculations of the appropriate standards at each location [table J-5] for both groundwater and surface water taking into account the specific water body (Queen Creek, Gila River), the specific beneficial uses, and the varying hardness at each site.

These should be formatted fairly decently, with a few rough patches. That's only because the final formatting doesn't happen in Word, and is currently ongoing on the entire document...

- C

**From:** Hoffman, Hugo <[Hoffman.Hugo@epa.gov](mailto:Hoffman.Hugo@epa.gov)>  
**Sent:** Monday, July 15, 2019 1:42 PM  
**To:** Rasmussen, Mary C -FS <[mary.rasmussen@usda.gov](mailto:mary.rasmussen@usda.gov)>  
**Cc:** Chris Garrett <[cgarrett@swca.com](mailto:cgarrett@swca.com)>  
**Subject:** RE: pre-DEIS with changes based responses to comments?

**EXTERNAL:** This email originated from outside SWCA. Please use caution when replying.

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Hi Mary,

Thanks for the pre-DEIS. I'd much appreciate the chance to see the whole document, if that's possible. If not, could you include the revised Chapters 1 and 2, 3.7.1 (Groundwater Quantity/GDEs) and 3.6 (Air Quality) in addition to these below? We had comments on those chapters and it would be helpful to see how they have changed.

For the public DEIS, one flash drive would be great.

Thanks and regards,

-Hugo  
(415) 972-3929

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**From:** Rasmussen, Mary C -FS <[mary.rasmussen@usda.gov](mailto:mary.rasmussen@usda.gov)>  
**Sent:** Thursday, July 11, 2019 3:52 PM  
**To:** Hoffman, Hugo <[Hoffman.Hugo@epa.gov](mailto:Hoffman.Hugo@epa.gov)>  
**Cc:** Chris Garrett <[cgarrett@swca.com](mailto:cgarrett@swca.com)>  
**Subject:** RE: pre-DEIS with changes based responses to comments?

Hi Hugo,

I've asked Chris Garrett of SWCA to arrange for you to receive pre-DEIS copies with RTC changes for these sections:

- 3.7.2 (GW/SW Quality and 2 big appendices)
- 3.7.3 (SW Quantity)
- 3.10.1 (Tailings and Pipeline Safety)

These files will be packaged to remain under your 20MB limit.  
Of course these files are for internal deliberative purposes only.

We are on track for having the NOA published in the Federal Register – most likely on Friday August 16.  
I'm presuming that the Region 9 office would like to receive the entire DEIS package on a flash drive?  
If so, how many flash drives should we prepare to send you?

Thanks, Mary

**Mary C. Rasmussen**  
**Team Leader - Resolution Copper Mine EIS**  
USDA Forest Service, Tonto National Forest  
[Mary.Rasmussen@usda.gov](mailto:Mary.Rasmussen@usda.gov)

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**From:** Hoffman, Hugo [<mailto:Hoffman.Hugo@epa.gov>]  
**Sent:** Tuesday, July 2, 2019 12:54 PM  
**To:** Rasmussen, Mary C -FS <[mary.rasmussen@usda.gov](mailto:mary.rasmussen@usda.gov)>  
**Subject:** pre-DEIS with changes based responses to comments?

Hi Mary,

Just wanted to check with you about availability of a pre-DEIS with the changes referenced in the response to comments matrix. Could you share that?

If it cannot be shared via the SharePoint, I can retrieve files from DropBox and GoogleDrive. I believe there is a 20Mb limit on files that we can receive by email.

Cheers,

Hugo Hoffman  
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Environmental Review Branch (TIP-2)  
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San Francisco, CA 94105  
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